

MetalBrik Briquetter

Increase the value of your scrap metal material, recoup your cutting fluid costs, and save wasted floor space by reducing your overall material handling process. This standalone system is designed for low maintenance, and high output.

Neff Press briquetter's can get up to 99% of all fluids out of your material. This system can increase the scrap value, and increases the yield during re-melt for smelters. Transportation costs, ease of storage and higher recycling prices are other benefits to briquetting.

This system is modular and can be designed for various configurations.

For more information please contact www.neffpress.com or (314) 854-1200 to discuss your application.

Standard Neff Press Hydraulic Power unit, 50 years of engineered design, with user friendly touch screen HMI. Includes diagnostics, error messages, and cycle counts.

Neff Press uses a unique dual compaction compression chamber.

Up to 99% fluid recovery of coolants and cutting fluids.

Optional 1 yard live bottom Hopper. Larger sizes available.

Reclaim valuable fluids.



Specifications

Model Number	MX20-15M	MX30-15M	MX30-20M	MX35-30M	MX35-40M	MX35-60M	MX50-60M	MX50-100M	MX70-250M
Estimated Outputs lbs./Hr.									
Aluminum	125	250	400	600	750	1000	1500	2000	5600
Steel/Cast Iron	250	400	800	1200	1500	2000	3000	4000	13200
Copper/Brass	300	625	1000	1500	2000	2500	3750	5000	14000
Brik Diameter (Length based on bulk density)	2"	3"	3"	3.5"	3.5"	3.5"	5"	5"	7"
Motor Horsepower (main)	15	15	20	30	40	60	60	100	250
Hydraulic Power									
Main Hydraulic Pump Total flow (gpm)	23	23	48	56	60	95	95	146	168
Total available force (tons)	42	106	106	144	144	144	295	295	577
Operating Pressure (psi)	3000	4219	4219	3675	3675	3675	3827	3827	3500
Standard Face Pressure* (psi)	27000	30000	30000	30000	30000	30000	30000	30000	30000
Cylinder Bore Size	2 @6.000"	2 @8.000"	2 @8.000"	2 @10.000"	2 @10.000"	2 @10.000"	2 @12.000"	2 @14.000"	contact factory
Electrical /Control Systems									
Power Requirements	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60	460/3/60
Machine Full Load Amps	22.5	22.5	34.4	46.9	59.4	84.4	84.4	134.4	345.8
Position Feedback	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Pressure Feedback	0 to 10 V DC	0 to 10 V DC	0 to 10 V DC	0 to 10 V DC	0 to 10 V DC	0 to 10 V DC	0 to 10 V DC	0 to 10 V DC	0 to 10 V DC
Operator Interface	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
PLC Controlled	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Standard Chip Hopper Capacity	Optional +	Optional +	Optional +	Optional +	Optional +	Optional +	Optional +	Optional +	Optional +
Fluid Containment Trays	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Coolant Recovery Pump	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Steel-Belt Exit Conveyor	Optional +	Optional +	Optional +	Optional +	Optional +	Optional +	Optional +	Optional +	Optional +
Heat Exchanger (Water to oil)	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard
Inlet Size (NPT)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1.5"
Outlet Size (NPT)	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"	1.5"

Contact Neff Press for larger units

*Note: *Higher face pressures are available, please consult the factory*

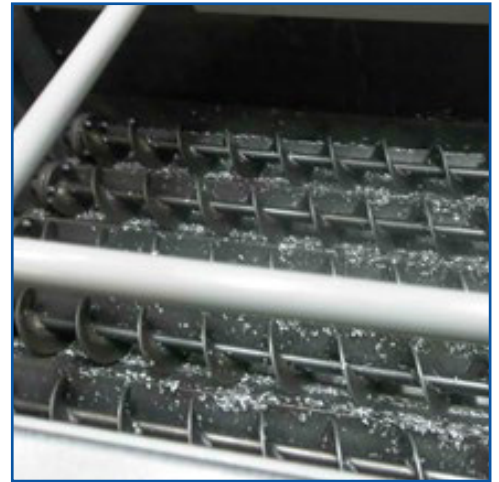
Model Number	BRIK DIAMETER	BULK DENSITY 28 LBS/FT ³	BULK DENSITY 14 LBS/FT ³	BULK DENSITY 7 LBS/FT ³
MX20-15M	3-18.8	3-18.8	5-29.5	38.5-230.9
MX30-15M	4.0"	4.0"	5.0"	14.0"
MX30-20M	2.5"	2.5"	3.5"	10.0"
MX35-35M	510/60/322	1644/146/1054	839/94/806	301/44/314
MX35-40M	11	35	35	102
MX35-60M	150-3000	150-3000	150-3000	150-3000
MX50-60M	.5" -10.0"	.5" -10.0"	.5" -10.0"	.5" -16.0"
MX50-100M	5/1800	15/1800	15/1800	50/1800
MX70-250M	12 gallons	60 gallons	60 gallons	200 gallons

Output listed above is typical for Aluminum and based on bulk density of incoming material.

Standard Options

Neff Press offers an extensive array of optional equipment in order to customize your Hydraulic Briquettor to ensure it meets your application specifications.

- ½ to 4 yard live bottom hoppers
- Explosion-proof controls
- Dual infeed hoppers
- Air to oil coolers
- Speed control
- Exit conveyors
- Tank heaters
- Remote start
- Modular configurations
- Special tooling
- Increased face pressure
- Coolant filtration systems
- Crushers
- Shredders
- Wringers
- Spray/mist options



Note: Multiple voltages available 208/230/380/460/575

Notes

- Compression time will depend on your specific material.
- Higher face pressures available.
- Larger units available.
- For accurate output figures in lbs/hour, please send your material to Neff/MetalBrik for testing.

Email inquiries to sales@neffpress.com to discuss your application.

Making the Presses that Make the World Work

St. Louis, MO • www.neffpress.com • (314) 854-1200

